Title (en)
METHODS FOR ADJUSTING THE POWER OF AN EXTERNAL READER

Title (de)
VERFAHREN ZUR EINSTELLUNG DER LEISTUNG EINES EXTERNEN LESERS

Title (fr)
PROCÉDÉS D'AJUSTEMENT DU COURANT D'UN LECTEUR EXTERNE

Publication
EP 3090388 A4 20170726 (EN)

Application
EP 14876410 A 20141223

Priority
• US 201314143596 A 20131230
• US 2014072123 W 20141223

Abstract (en)
[origin: US2015188607A1] Disclosed herein are methods and systems for adjusting the power level of an external reader of an electronic device. The external reader transmits power to the electronic device with a radio frequency electromagnetic signal. The electronic device may rectify the radio frequency electromagnetic signal and create a rectified voltage. The rectified voltage may be positively correlated to the power level transmitted by the external device. The rectified power can be used to power a component of the electronic device, such as a component configured to measure either a voltage or power associated with the rectified voltage. The electronic device may communicate the measured voltage or power back to the external reader. Based on the communicated voltage or power, the external reader may adjust its power level of the transmitted power.

IPC 8 full level
H02J 50/10 (2016.01); A61F 2/14 (2006.01); H04B 5/00 (2006.01)

CPC (source: EP US)
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Citation (search report)
• [XYI] US 2008136646 A1 20080612 - FRIEDRICH ULRICH [DE]
• [XI] EP 2328254 A2 20110601 - BROADCOM CORP [US]
• [Y] US 2012245444 A1 20120927 - OTIS BRIAN [US], et al
• See references of WO 2015103036A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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US 201314143596 A 20131230; CN 201480071707 A 20141223; EP 14876410 A 20141223; US 2014072123 W 20141223; US 201815963319 A 20180426